

Attorney Docket No. 70688

**THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Javad Razavilar *et al.*  
Application No.: 10/000,230  
Filed: November 30, 2001  
For: METHOD AND APPARATUS FOR  
ADAPTIVE QoS-BASED JOINT RATE &  
POWER CONTROL ALGORITHM IN  
MULTI-RATE WIRELESS SYSTEMS  
Group Art Unit: 2682  
Examiner: West, Lewis G.

CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.

September 20, 2004

Date

Sara R. Hart

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

MAIL STOP AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This Information Disclosure Statement is submitted:

\_\_\_\_\_ Under 37 CFR §1.97(b) before the mailing date of a first Office Action on the merits, after the filing of an RCE under §1.114.

X Under 37 CFR §1.97 (c) together with either:  
\_\_\_\_\_ a statement under 37 CFR §1.97(e), or  
X a fee under 37 CFR §1.17(p)  
(after the 37 CFR §1.97(b) time period, but before the mailing date of a final Action, a Notice of Allowance, or an action that otherwise closes prosecution).

\_\_\_\_\_ Statement under 37 C.F.R. § 1.97(e)(1): The undersigned states that each item of information contained in the information disclosure statement was first cited in a

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Supplemental Information Disclosure Statement  
U.S. Appln. No. 10/000,230

communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement.

In accordance with the duty of disclosure imposed by 37 CFR § 1.56 to inform the Patent Office of all patents, publications, applications and other information known by Applicants or Applicants' representative that may be material to the examination of the subject application, Applicants' representative hereby provides this Information Disclosure Statement that is prepared in accordance with 37 CFR §§ 1.97-1.98 and includes Form PTO/SB/08B with one (1) reference listed as item AA.

A copy of the item listed on the attached Form PTO/SB/08B is enclosed.

It is requested that the information provided herein be made of record in this application.

Respectfully submitted,

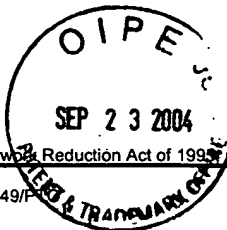
Dated: 9/20/04



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PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449/PTO

**Complete if Known****INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Application Number	10/000,230
Filing Date	November 30, 2001
First Named Inventor	Javad Razavilar et al
Art Unit	2682
Examiner Name	West, Lewis G.
Attorney Docket Number	70688

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**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	AA	FOSCHINI et al., "A Simple Distributed Autonomous Power Control Algorithm and Its Convergence", IEEE, Transactions on Vehicular Technology, November 1993, Pages 641-646, Vol. 42, No. 4.	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.